## AASHTO T255-00 TOTAL EVAPORABLE MOISTURE CONTENT OF AGGREGATE BY DRYING

|  |   |   | Test 1 | Test 2 |
|--|---|---|--------|--------|
| S  | Source of he  | eat:  |        |        |
| Ā  | A. If close temperature control <u>is</u> required:   |   |        |        |
|  | (1)   | Ventilated oven, maintains 110±5°C  |        |        |
|  |   | (230±9°F)   |        |        |
| I  | B. If clo   | ose temp. control is not required (One of the   |        |        |
|  | follo   | wing):  |        |        |
|  | (1)   | Electric or gas hot plate?  |        |        |
|  | <b>or</b> (2)   | Electric heat lamps?  |        |        |
|  | <b>or</b> (3)   | Ventilated microwave oven?  |        |        |
| _  | Sample cont   |   |        |        |
| (  |   | affected by heat? (Nonmetallic for microwave  |        |        |
| (b)<br>(c)   | use)  | -CC -: 0  |        |        |
|  | (-)   | afficient volume?   |        |        |
|  |   | ach shape that depth of sample does not exceed of least lateral dimension?  |        |        |
| 3. \$  | Stirrer, metal spoon or spatula of convenient size?   |   |        |        |
|  | Balance, readable to 0.1% of sample mass or better?   |   |        |        |
| +. <u>I</u>  | <u>baiance</u> , rea  | _   |        |        |
|  |   |   |        |        |
|  |   | PROCEDURE   |        |        |
|  | _   | PROCEDURE   | Test 1 | Test 2 |
| l. F   | Representati  | ve test sample obtained?  | Test 1 | Test 2 |
|  | •   |   | Test 1 | Test 2 |
| 2. 7   | Test sample   | ve test sample obtained?  | Test 1 | Test 2 |
| 2. 7<br>N<br>1   | Test sample<br>No. 45 kg<br>1 in 4 kg,  | ve test sample obtained? mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg  | Test 1 | Test 2 |
| 2. T<br>N<br>1<br>3. N   | Test sample<br>No. 45 kg<br>1 in 4 kg,<br>Mass deter  | ve test sample obtained? mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg,   | Test 1 | Test 2 |
| 2. T<br>1<br>1<br>3. N   | Test sample<br>No. 45 kg<br>1 in 4 kg,<br>Mass deter<br>dry mass?   | ve test sample obtained?  mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg  mined to nearest 0.1 percent of original   | Test 1 | Test 2 |
| 2. T<br>1<br>1<br>3. N   | Test sample<br>No. 45 kg<br>1 in 4 kg,<br>Mass deter<br>dry mass?   | ve test sample obtained? mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg  | Test 1 | Test 2 |
| 2. 7<br>1<br>3. N<br>4. I  | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois  | ve test sample obtained?  mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg  mined to nearest 0.1 percent of original   | Test 1 | Test 2 |
| 2. 7<br>1<br>13. N<br>4. I<br>5. S   | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois Sample dried Heat source:  | ve test sample obtained? mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg mined to nearest 0.1 percent of original sture avoided prior to determining the mass? d by a suitable heat source?   | Test 1 | Test 2 |
| 2. 7<br>1<br>3. N<br>4. I<br>5. S<br>H   | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois Sample dried Heat source: If heated by   | ve test sample obtained?  mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg  mined to nearest 0.1 percent of original sture avoided prior to determining the mass?  d by a suitable heat source?  means other than a controlled temperature   | Test 1 | Test 2 |
| 2. 7<br>1<br>1<br>3. N<br>4. I<br>5. S<br>1  | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois Sample dried Heat source: If heated by oven, is sam                            | ve test sample obtained?  mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg mined to nearest 0.1 percent of original sture avoided prior to determining the mass? d by a suitable heat source?  means other than a controlled temperature uple stirred to avoid localized overheating?  | Test 1 | Test 2 |
| 2. 7<br>1<br>3. N<br>4. I<br>5. S<br>H   | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois Sample dried Heat source: If heated by oven, is sam (Stirring opt              | ve test sample obtained? mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg mined to nearest 0.1 percent of original sture avoided prior to determining the mass? d by a suitable heat source? means other than a controlled temperature aple stirred to avoid localized overheating? tional for microwave use)  | Test 1 | Test 2 |
| 2. The state of th | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois Sample dried Heat source: If heated by oven, is sam (Stirring opt Sample dried | ve test sample obtained?  mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg  mined to nearest 0.1 percent of original sture avoided prior to determining the mass?  d by a suitable heat source?  means other than a controlled temperature apple stirred to avoid localized overheating?  ional for microwave use) d to constant mass and mass determined to | Test 1 | Test 2 |
| . I  | Test sample No. 45 kg 1 in 4 kg, Mass deter dry mass? Loss of mois Sample dried Heat source: If heated by oven, is sam (Stirring opt Sample dried | ve test sample obtained? mass conforms to following:? g, 3/8 in 1.5 kg, ½ in 2 kg, 3/4 in 3 kg, 1½ in 6 kg, 2 in 8 kg, 2½ in 10 kg mined to nearest 0.1 percent of original sture avoided prior to determining the mass? d by a suitable heat source? means other than a controlled temperature aple stirred to avoid localized overheating? tional for microwave use)  | Test 1 | Test 2 |